

subjectId	activity	tBodyAcc-mean()-X	tBodyAcc-mean()-Y	tBodyAcc-mean()-Z	tBodyAcc-std()-X	tBodyAcc-std()-Y
1	Walking	0.277330759	-0.017383819	-0.111148104	-0.283740259	0.114461337
1	Walking Upstairs	0.25546169	-0.023953149	-0.097302002	-0.354708025	-0.002320265
1	Walking Downstairs	0.28918832	-0.009918505	-0.107566191	0.030035338	-0.031935943
1	Sitting	0.261237565	-0.001308288	-0.104544182	-0.977229008	-0.922618642
1	Standing	0.278917629	-0.01613759	-0.110601818	-0.995759902	-0.973190056
1	Laying	0.221598244	-0.040513953	-0.113203554	-0.928056469	-0.836827406
2	Walking	0.276426586	-0.01859492	-0.105500358	-0.423642838	-0.078091253
2	Walking Upstairs	0.24716479	-0.021412113	-0.1525139	-0.304376406	0.10802728
2	Walking Downstairs	0.277615348	-0.022661416	-0.116812942	0.046366681	0.262881789
2	Sitting	0.277087352	-0.015687994	-0.109218272	-0.98682228	-0.950704499
2	Standing	0.277911472	-0.018420827	-0.105908536	-0.987271889	-0.957304989
2	Laying	0.281373404	-0.01815874	-0.10724561	-0.974059465	-0.980277399
3	Walking	0.275567462	-0.017176784	-0.11267486	-0.360356726	-0.069914065
3	Walking Upstairs	0.260819873	-0.032410941	-0.110064863	-0.313123438	0.011628081
3	Walking Downstairs	0.292423485	-0.019355408	-0.116139843	-0.057410048	-0.033150372
3	Sitting	0.257197599	-0.003502998	-0.09835792	-0.971010121	-0.856617812
3	Standing	0.280046513	-0.014337656	-0.101621723	-0.966742543	-0.893449307
3	Laying	0.275516853	-0.018955679	-0.101300478	-0.982776639	-0.962057545
4	Walking	0.278582015	-0.014839948	-0.111403065	-0.440829971	-0.078826737
4	Walking Upstairs	0.270876697	-0.03198043	-0.114219456	-0.204933043	-0.066689911
4	Walking Downstairs	0.27996533	-0.009802009	-0.106777525	0.01119355	-0.218598325
4	Sitting	0.27153828	-0.007163065	-0.105874596	-0.980309931	-0.890223981
4	Standing	0.280499746	-0.009489111	-0.096157491	-0.97692058	-0.861597379
4	Laying	0.263559215	-0.015003184	-0.11068815	-0.954193739	-0.941714042
5	Walking	0.277842346	-0.017285032	-0.107741776	-0.294098534	0.076748403
5	Walking Upstairs	0.26845947	-0.032526976	-0.107471454	-0.045723778	0.185022459
5	Walking Downstairs	0.293543927	-0.008501075	-0.100319931	0.27504611	0.090763076
5	Sitting	0.27369414	-0.009900835	-0.1085403	-0.980945022	-0.904335121
5	Standing	0.282544391	-0.007004186	-0.102171096	-0.968591816	-0.869439913
5	Laying	0.278334326	-0.018304212	-0.107937604	-0.96593451	-0.969295613
6	Walking	0.283658868	-0.016895419	-0.110303166	-0.296538717	0.164213885
6	Walking Upstairs	0.268229355	-0.027242539	-0.122082439	-0.050135019	0.189276117

6 Walking Downstairs	0.277045258	-0.01953684	-0.107209356	0.38368164	0.360164959
6 Sitting	0.276778487	-0.014591162	-0.110127729	-0.980164934	-0.923682131
6 Standing	0.280346249	-0.018123633	-0.112172832	-0.98175816	-0.921493192
6 Laying	0.24865652	-0.010252917	-0.13311957	-0.934049422	-0.924644826
7 Walking	0.275592962	-0.018653665	-0.110912235	-0.327243241	-0.077261856
7 Walking Upstairs	0.248706923	-0.027563901	-0.143769689	-0.294872974	-0.326160023
7 Walking Downstairs	0.28030708	-0.016633237	-0.096938309	0.06608156	-0.138179073
7 Sitting	0.284674637	-0.014610976	-0.122464598	-0.972668375	-0.909454699
7 Standing	0.282723539	-0.014574034	-0.09977783	-0.97930757	-0.923400922
7 Laying	0.250176694	-0.020441152	-0.101361037	-0.93651361	-0.926262669
8 Walking	0.27468631	-0.018662887	-0.107252091	-0.173605736	0.380782053
8 Walking Upstairs	0.258880152	-0.028241514	-0.11512212	-0.171712175	0.348768733
8 Walking Downstairs	0.283484089	-0.021105867	-0.107598135	0.024139347	0.343826273
8 Sitting	0.267491473	-0.006725506	-0.104461049	-0.979026152	-0.927331997
8 Standing	0.279620986	-0.014811307	-0.106114997	-0.988815418	-0.938479429
8 Laying	0.261254283	-0.021228173	-0.102245366	-0.943041215	-0.93489116
9 Walking	0.278502842	-0.018089197	-0.110820512	-0.238353563	-0.201696961
9 Walking Upstairs	0.262436476	-0.01951011	-0.125219004	-0.361444378	-0.302206204
9 Walking Downstairs	0.295923445	-0.020399427	-0.091027879	0.213392271	-0.208310706
9 Sitting	0.248326744	-0.027016777	-0.075378469	-0.957227791	-0.875141405
9 Standing	0.282310057	-0.020045495	-0.095274748	-0.975741252	-0.938635759
9 Laying	0.259195537	-0.020526822	-0.107549721	-0.94233309	-0.916292776
10 Walking	0.278574077	-0.017022351	-0.109057512	-0.178709734	-0.022743165
10 Walking Upstairs	0.267121853	-0.014385492	-0.118180421	-0.161591924	-0.005552877
10 Walking Downstairs	0.290401594	-0.020005077	-0.110848597	0.295733548	0.004079154
10 Sitting	0.270612056	-0.015042682	-0.104253239	-0.982901826	-0.91797953
10 Standing	0.276650301	-0.01554186	-0.107964084	-0.978403482	-0.919561843
10 Laying	0.280230574	-0.024294484	-0.117168642	-0.968283685	-0.946454302
11 Walking	0.271821893	-0.016647583	-0.106096304	-0.422842072	-0.052212075
11 Walking Upstairs	0.263775859	-0.030315782	-0.106797216	-0.238802959	-0.103167502
11 Walking Downstairs	0.291605632	-0.017809772	-0.11107015	0.142456557	0.070812273
11 Sitting	0.276590197	-0.014919562	-0.112840218	-0.982796562	-0.921402118
11 Standing	0.277715563	-0.017199089	-0.10868663	-0.994978879	-0.964173332

11 Laying	0.280592971	-0.017659805	-0.108786578	-0.98477733	-0.972196874
12 Walking	0.277128666	-0.015560928	-0.103161106	-0.128898533	-0.12278329
12 Walking Upstairs	0.272970339	-0.02635749	-0.10733973	-0.290149192	-0.10381826
12 Walking Downstairs	0.281521097	-0.018084267	-0.109555932	0.042408492	0.110835344
12 Sitting	0.275007225	-0.015789299	-0.106307229	-0.982568782	-0.92858124
12 Standing	0.277405835	-0.016900254	-0.105527	-0.981243992	-0.923140254
12 Laying	0.260113433	-0.017520392	-0.108160126	-0.95531868	-0.949072009
13 Walking	0.27588313	-0.018566065	-0.111431456	-0.346980394	0.141866689
13 Walking Upstairs	0.25820394	-0.027739225	-0.125767266	-0.296284597	0.104470774
13 Walking Downstairs	0.294907553	-0.014372384	-0.101993942	-0.068156363	-0.032125247
13 Sitting	0.2743285	-0.005877329	-0.097246511	-0.989546275	-0.938967742
13 Standing	0.277758431	-0.016789199	-0.112124138	-0.991020759	-0.949422439
13 Laying	0.27671636	-0.020440454	-0.104331865	-0.968891989	-0.95094795
14 Walking	0.271959599	-0.021778538	-0.106756369	-0.402639098	-0.053612669
14 Walking Upstairs	0.262421066	-0.020438818	-0.112279689	-0.309396718	0.307195533
14 Walking Downstairs	0.293422116	-0.020014141	-0.092833017	0.01783134	0.378870492
14 Sitting	0.279990577	-0.008705655	-0.10040149	-0.976302248	-0.914935704
14 Standing	0.280545614	-0.015207813	-0.103817702	-0.973268905	-0.928525725
14 Laying	0.23327544	-0.011342465	-0.086833332	-0.917501887	-0.909697041
15 Walking	0.273899208	-0.017080974	-0.10762182	-0.327961801	0.138912924
15 Walking Upstairs	0.270187596	-0.028752386	-0.116952465	-0.026097184	-0.00406536
15 Walking Downstairs	0.280198851	-0.005630478	-0.110526066	0.406471051	0.186532377
15 Sitting	0.27290338	-0.011718847	-0.113661253	-0.987084356	-0.922407163
15 Standing	0.278915804	-0.018351636	-0.105910833	-0.988949247	-0.931900148
15 Laying	0.289475653	-0.016629654	-0.11853024	-0.972255552	-0.962759422
16 Walking	0.276023565	-0.020428693	-0.10880405	-0.404692524	-0.314569762
16 Walking Upstairs	0.255986103	-0.014365495	-0.124074518	-0.397083832	-0.163732745
16 Walking Downstairs	0.295586802	-0.018389858	-0.119873705	0.207251998	-0.146993838
16 Sitting	0.280768574	-0.010249794	-0.089140404	-0.986825605	-0.951607872
16 Standing	0.283497403	-0.016599967	-0.103657729	-0.989076812	-0.960298268
16 Laying	0.274227163	-0.016610351	-0.107310493	-0.973691429	-0.94306115
17 Walking	0.272341855	-0.01848754	-0.109792122	-0.319500173	-0.017579789
17 Walking Upstairs	0.252604769	-0.022864561	-0.121290442	-0.062952754	-0.013172101

17 Walking Downstairs	0.293918283	-0.01673594	-0.089243275	0.18771976	-0.060789204
17 Sitting	0.27735702	-0.014156274	-0.113624085	-0.994443905	-0.96185863
17 Standing	0.277942503	-0.017412006	-0.111432146	-0.99116392	-0.968176664
17 Laying	0.269780086	-0.016846201	-0.10700628	-0.972960567	-0.944792875
18 Walking	0.273887759	-0.017802363	-0.104218315	-0.376005521	-0.227005875
18 Walking Upstairs	0.265401202	-0.022206068	-0.112655891	-0.380168287	-0.21115512
18 Walking Downstairs	0.288439469	-0.016866692	-0.103390809	-0.302634565	-0.254214046
18 Sitting	0.277270019	-0.012869128	-0.111904776	-0.994347989	-0.974928131
18 Standing	0.278458806	-0.016635352	-0.108453356	-0.992019763	-0.954223436
18 Laying	0.274691577	-0.017393768	-0.107698928	-0.984527649	-0.986160921
19 Walking	0.273931172	-0.019177359	-0.122736673	-0.048904941	0.181801561
19 Walking Upstairs	0.242118809	-0.030398662	-0.151054608	-0.128742095	0.176349923
19 Walking Downstairs	0.262688054	-0.014594228	-0.133695241	0.626917071	0.514816446
19 Sitting	0.273830316	-0.01673926	-0.108707654	-0.976357663	-0.950388944
19 Standing	0.27817226	-0.015424406	-0.109041905	-0.989910997	-0.944430271
19 Laying	0.272653733	-0.017142686	-0.108981462	-0.96501958	-0.973449969
20 Walking	0.272589336	-0.021199992	-0.113539477	-0.208342792	0.489771809
20 Walking Upstairs	0.252098317	-0.028225805	-0.121023948	-0.116088676	0.152196328
20 Walking Downstairs	0.296144421	-0.009641208	-0.104602926	0.074509879	0.616937015
20 Sitting	0.278045439	-0.014722931	-0.108369635	-0.983081859	-0.936122705
20 Standing	0.278076905	-0.018069505	-0.10040276	-0.967209961	-0.875410411
20 Laying	0.239507882	-0.014440628	-0.104274323	-0.962249115	-0.96409818
21 Walking	0.279183527	-0.018161032	-0.104319332	-0.297814844	0.054088051
21 Walking Upstairs	0.265194545	-0.02372187	-0.125414265	-0.240808282	0.109787469
21 Walking Downstairs	0.30146102	-0.017319539	-0.098168662	0.224343492	0.3013364
21 Sitting	0.277539617	-0.014400971	-0.112057888	-0.991777287	-0.966877561
21 Standing	0.276952243	-0.016708473	-0.110417856	-0.981419961	-0.943601625
21 Laying	0.271325472	-0.018423305	-0.103253832	-0.955019866	-0.956959422
22 Walking	0.27886459	-0.016721361	-0.107112511	-0.008659219	0.100384246
22 Walking Upstairs	0.248391535	-0.026862256	-0.117550862	0.083573864	0.250067524
22 Walking Downstairs	0.284458964	-0.019799937	-0.10741578	0.348618168	0.239812251
22 Sitting	0.273583823	-0.012346845	-0.10582737	-0.978466824	-0.928059134
22 Standing	0.279053862	-0.015856321	-0.104967424	-0.985000527	-0.922693288

22 Laying	0.279959721	-0.014262986	-0.110800925	-0.947735252	-0.913276302
23 Walking	0.273211884	-0.018361871	-0.113382994	-0.313521773	-0.119020587
23 Walking Upstairs	0.249995171	-0.032384403	-0.126890617	-0.243887819	0.044843579
23 Walking Downstairs	0.289897411	-0.016211146	-0.098812371	0.044139284	0.108259034
23 Sitting	0.273351252	-0.013394502	-0.103808679	-0.987607637	-0.934933559
23 Standing	0.277899323	-0.017747555	-0.110597018	-0.98542152	-0.958444493
23 Laying	0.274038008	-0.021655384	-0.104256776	-0.956756363	-0.976309827
24 Walking	0.276980816	-0.02254464	-0.110595953	-0.470762366	-0.154127498
24 Walking Upstairs	0.269881107	-0.025197943	-0.114248611	-0.344399351	-0.116804489
24 Walking Downstairs	0.288631209	-0.014573035	-0.10481882	-0.082732481	-0.102607327
24 Sitting	0.27347569	-0.01312551	-0.103041061	-0.990593767	-0.956255962
24 Standing	0.280348884	-0.014478534	-0.108222554	-0.987255871	-0.936871974
24 Laying	0.272850495	-0.017355521	-0.107236237	-0.967984021	-0.983126462
25 Walking	0.278992759	-0.018647762	-0.108737636	-0.596007444	-0.161852412
25 Walking Upstairs	0.277995411	-0.026986352	-0.12621044	-0.459775646	-0.223086809
25 Walking Downstairs	0.291329666	-0.021017052	-0.107192377	-0.253756934	-0.140540604
25 Sitting	0.278541482	-0.014769681	-0.10916044	-0.991892829	-0.947457617
25 Standing	0.278013702	-0.016356973	-0.107352958	-0.991970127	-0.954569226
25 Laying	0.250791829	-0.018894366	-0.10042883	-0.909116474	-0.691770681
26 Walking	0.279264444	-0.015425959	-0.108927011	-0.340185528	-0.136351392
26 Walking Upstairs	0.272691395	-0.02816338	-0.121943461	-0.169006952	-0.04917263
26 Walking Downstairs	0.279284583	-0.01262581	-0.106439619	0.17395385	-0.01162991
26 Sitting	0.25824353	-0.007133645	-0.097444869	-0.979768988	-0.940798966
26 Standing	0.281127035	-0.016660831	-0.110237796	-0.993069369	-0.949466155
26 Laying	0.271645865	-0.019189573	-0.10500254	-0.969445445	-0.983231352
27 Walking	0.276849485	-0.016647878	-0.112822289	-0.348475561	-0.187301215
27 Walking Upstairs	0.265770254	-0.020095332	-0.123530438	-0.295439547	-0.095010408
27 Walking Downstairs	0.297544188	-0.013556447	-0.112837695	0.167407531	-0.097971003
27 Sitting	0.273941303	-0.01552698	-0.105521913	-0.988580108	-0.971579126
27 Standing	0.279566922	-0.016593236	-0.107835818	-0.991951584	-0.955171419
27 Laying	0.274102492	-0.017986761	-0.107699733	-0.978455153	-0.983736044
28 Walking	0.281228224	-0.015675972	-0.103714705	-0.293003522	-0.117886186
28 Walking Upstairs	0.262005842	-0.027944394	-0.121514026	-0.24206243	-0.146753877

28 Walking Downstairs	0.293642077	-0.022023047	-0.108588974	0.125712888	0.156496647
28 Sitting	0.276977629	-0.018540444	-0.11151794	-0.983272807	-0.939905245
28 Standing	0.277795069	-0.017263512	-0.106579385	-0.977748639	-0.875689217
28 Laying	0.275913483	-0.016753786	-0.108344853	-0.968888296	-0.94538678
29 Walking	0.271999917	-0.01629156	-0.106632427	-0.17433794	-0.091754061
29 Walking Upstairs	0.265423067	-0.029946531	-0.118000588	-0.086771557	-0.122128288
29 Walking Downstairs	0.293140441	-0.014941215	-0.098133998	0.167383602	-0.122463467
29 Sitting	0.277179978	-0.01663068	-0.110411819	-0.99074502	-0.963222498
29 Standing	0.277965066	-0.017260587	-0.108659067	-0.996068635	-0.969295721
29 Laying	0.287295197	-0.017196548	-0.109462068	-0.984219556	-0.990240947
30 Walking	0.276406758	-0.017588039	-0.098624707	-0.346394275	-0.173550022
30 Walking Upstairs	0.271415642	-0.02533117	-0.124697494	-0.350504475	-0.127311158
30 Walking Downstairs	0.283190647	-0.01743839	-0.099978142	-0.057770316	-0.027262808
30 Sitting	0.268336081	-0.008047313	-0.099515446	-0.983622744	-0.937857001
30 Standing	0.277112699	-0.017016389	-0.10875621	-0.977559427	-0.891654527
30 Laying	0.281033901	-0.01944941	-0.103658151	-0.976362515	-0.954201824

tBodyAcc-std()-Z	tGravityAcc-mean()-X	tGravityAcc-mean()-Y	tGravityAcc-mean()-Z	tGravityAcc-std()-X	tGravityAcc-std()-Y	tGravityAcc-std()-Z
-0.260027902	0.935223201	-0.282165021	-0.068102864	-0.976609643	-0.971305961	-0.947717226
-0.019479239	0.893351098	-0.362153364	-0.07540294	-0.956367028	-0.952849233	-0.91237941
-0.230434213	0.931874419	-0.266610339	-0.062119959	-0.950559812	-0.937018659	-0.895939695
-0.939586291	0.831509933	0.204411593	0.332043703	-0.968457146	-0.935517056	-0.949040933
-0.979775877	0.942952	-0.272983832	0.013490582	-0.993762985	-0.981225958	-0.976324064
-0.826061402	-0.248881798	0.705549773	0.44581772	-0.896830018	-0.907720007	-0.85236629
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tBodyAccJerk-mean()-X	tBodyAccJerk-mean()-Y	tBodyAccJerk-mean()-Z	tBodyAccJerk-std()-X	tBodyAccJerk-std()-Y	tBodyAccJerk-std()-Z
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tBodyGyro-mean()-X	tBodyGyro-mean()-Y	tBodyGyro-mean()-Z	tBodyGyro-std()-X	tBodyGyro-std()-Y	tBodyGyro-std()-Z
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-0.099411456	-0.045653828	-0.049224055	-0.417438636	-0.587000111
-0.09755902	-0.03862441	-0.059555839	-0.515829417	-0.725210291
-0.099246528	-0.03726811	-0.051058741	-0.170842677	-0.547198438
-0.095984817	-0.040307021	-0.04876272	-0.995882512	-0.993139834
-0.100355997	-0.040901199	-0.053254195	-0.978472409	-0.98976699
-0.100368641	-0.039668272	-0.071153336	-0.992665155	-0.989063342
-0.078616351	-0.04769744	-0.065024755	-0.523256879	-0.634105503
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-0.051581475	-0.064202357	-0.06210437	-0.493837613	-0.459459296
-0.095163581	-0.039641081	-0.050388356	-0.993640318	-0.992226442
-0.098760508	-0.041747175	-0.051403919	-0.98264245	-0.990798008
-0.101147695	-0.036218616	-0.064279785	-0.993503721	-0.993025877
-0.092974671	-0.051539445	-0.059355248	-0.399417083	-0.639018554
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-0.026649298	-0.057041087	-0.077617393	-0.163944897	-0.424567878
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-0.106888303	-0.047989812	-0.039236899	-0.395909622	-0.587944298
-0.130429073	-0.051103512	-0.068093878	-0.474932606	-0.734225192
-0.074398647	-0.067148231	-0.035964843	-0.347807557	-0.693469036
-0.0953637	-0.040001843	-0.047000898	-0.99332203	-0.995319165
-0.098870151	-0.040511058	-0.054492631	-0.983293062	-0.995533113
-0.099533988	-0.03867683	-0.067446967	-0.996542541	-0.997081576
-0.087383992	-0.061702887	-0.044600723	-0.460345386	-0.497621802
-0.108414261	-0.014111335	-0.036415784	-0.74274953	-0.743336958
-0.061595458	-0.049680764	-0.054359523	-0.542764507	-0.613796303
-0.095270768	-0.040793059	-0.04882046	-0.993868545	-0.992491323
-0.099716023	-0.04377597	-0.052030718	-0.960119074	-0.968135006
-0.102277359	-0.038487587	-0.059573677	-0.983775834	-0.980357062

tBodyGyroJerk-std()-Z	tBodyAccMag-mean()	tBodyAccMag-std()	tGravityAccMag-mean()	tGravityAccMag-std()	tBodyAccJerkMag-mean()
-0.404255453	-0.136971177	-0.219688646	-0.136971177	-0.219688646	-0.141428809
-0.606332002	-0.129927631	-0.324970929	-0.129927631	-0.324970929	-0.466503446
-0.26876148	0.027188291	0.019884351	0.027188291	0.019884351	-0.089447481
-0.987935806	-0.948536786	-0.927078419	-0.948536786	-0.927078419	-0.987364196
-0.992108467	-0.984278207	-0.981942929	-0.984278207	-0.981942929	-0.992367791
-0.95779016	-0.841929153	-0.795144864	-0.841929153	-0.795144864	-0.954396265
-0.435492677	-0.290407594	-0.422544169	-0.290407594	-0.422544169	-0.281424154
-0.467595961	-0.10732268	-0.205977045	-0.10732268	-0.205977045	-0.321268911
-0.218266319	0.08995112	0.215586335	0.08995112	0.215586335	0.005655163
-0.985542326	-0.967893624	-0.953081444	-0.967893624	-0.953081444	-0.986774713
-0.973610118	-0.965875181	-0.957874965	-0.965875181	-0.957874965	-0.980489077
-0.988035821	-0.977435485	-0.972873913	-0.977435485	-0.972873913	-0.987741696
-0.53666408	-0.254690333	-0.328428937	-0.254690333	-0.328428937	-0.280009317
-0.573433948	-0.184014895	-0.333597433	-0.184014895	-0.333597433	-0.436901159
-0.374605412	-0.062812612	-0.041134008	-0.062812612	-0.041134008	-0.205239247
-0.973751671	-0.89538335	-0.8703017	-0.89538335	-0.8703017	-0.969080753
-0.958293012	-0.925430819	-0.915143304	-0.925430819	-0.915143304	-0.95930384
-0.98333828	-0.972791346	-0.964218176	-0.972791346	-0.964218176	-0.979484593
-0.640454133	-0.312050574	-0.527679103	-0.312050574	-0.527679103	-0.36670088
-0.556236585	-0.153703935	-0.2120123	-0.153703935	-0.2120123	-0.400922255
-0.325780074	-0.049161673	-0.081955904	-0.049161673	-0.081955904	-0.228851414
-0.968804832	-0.93569482	-0.914407845	-0.93569482	-0.914407845	-0.970132284
-0.957982019	-0.906478052	-0.890976683	-0.906478052	-0.890976683	-0.963370738
-0.98396536	-0.954557603	-0.931292217	-0.954557603	-0.931292217	-0.970095772
-0.157682544	-0.158338674	-0.377178733	-0.158338674	-0.377178733	-0.288333024
-0.282154378	0.043556202	-0.136736384	0.043556202	-0.136736384	-0.247403477
-0.034421747	0.211138854	0.205422376	0.211138854	0.205422376	-0.063752856
-0.964878513	-0.937978323	-0.920939028	-0.937978323	-0.920939028	-0.969320156
-0.944755343	-0.906104701	-0.879773801	-0.906104701	-0.879773801	-0.956863566
-0.989679592	-0.966777883	-0.958612786	-0.966777883	-0.958612786	-0.980141254
-0.166684422	-0.166840714	-0.266734167	-0.166840714	-0.266734167	-0.195117026
-0.170814791	0.017779097	-0.079150884	0.017779097	-0.079150884	-0.207379799

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-0.962758177	-0.945022876	-0.93931025	-0.945022876	-0.93931025	-0.967102436
-0.959579072	-0.918878851	-0.897326246	-0.918878851	-0.897326246	-0.954750505
-0.458302971	-0.097809044	-0.198554708	-0.097809044	-0.198554708	-0.1929489
-0.682184176	-0.198074438	-0.334744607	-0.198074438	-0.334744607	-0.458695232
-0.425200372	0.019879529	0.214544028	0.019879529	0.214544028	-0.170319619
-0.980954665	-0.918432107	-0.88195762	-0.918432107	-0.88195762	-0.976559676
-0.978166791	-0.942724659	-0.933590157	-0.942724659	-0.933590157	-0.973381306
-0.988871878	-0.936392024	-0.907039513	-0.936392024	-0.907039513	-0.98012724
-0.388446972	0.051678628	-0.180407283	0.051678628	-0.180407283	-0.066832243
-0.430366659	0.121026629	-0.227200254	0.121026629	-0.227200254	-0.141494613
-0.189604444	0.176599312	0.131337867	0.176599312	0.131337867	0.26262849
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-0.989270901	-0.953762884	-0.937187185	-0.953762884	-0.937187185	-0.984920798
-0.987601204	-0.935308634	-0.91325033	-0.935308634	-0.91325033	-0.97314749
-0.457881494	-0.09808405	-0.37942877	-0.09808405	-0.37942877	-0.203733616
-0.657114201	-0.260727581	-0.400222037	-0.260727581	-0.400222037	-0.44066754
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-0.968738891	-0.893361718	-0.863756434	-0.893361718	-0.863756434	-0.964383757
-0.969726484	-0.945167482	-0.93610501	-0.945167482	-0.93610501	-0.969524579
-0.97707616	-0.930868438	-0.9151268	-0.930868438	-0.9151268	-0.963374549
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-0.986549063	-0.98062118	-0.972891829	-0.98062118	-0.972891829	-0.983330628
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0.11664617	0.644604325	0.413472377	0.644604325	0.413472377	0.434490401
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-0.983453911	-0.960505684	-0.962549342	-0.960505684	-0.962549342	-0.983068924
-0.986958364	-0.966260807	-0.963193489	-0.966260807	-0.963193489	-0.98478434
-0.227044327	0.039402281	-0.156930392	0.039402281	-0.156930392	-0.04293593
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-0.948669855	-0.922406857	-0.910672095	-0.922406857	-0.910672095	-0.956624899
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-0.494927657	-0.123455662	-0.299709752	-0.123455662	-0.299709752	-0.148138992
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-0.975427259	-0.958774298	-0.956919898	-0.958774298	-0.956919898	-0.974765162
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-0.234278151	0.072241912	-0.161591787	0.072241912	-0.161591787	0.022919967
-0.515697759	0.210282608	-0.158757475	0.210282608	-0.158757475	-0.095784034
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-0.374456768	-0.09887702	-0.209989355	-0.09887702	-0.209989355	-0.067081966
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-0.557968203	-0.299983614	-0.481064019	-0.299983614	-0.481064019	-0.399722201
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